Lockheed Martin Corporation
Corporate Environment, Safety & Health
West Coast Projects Office
2550 North Hollywood Way, 3rd Floor, Burbank, CA 91505-1055
Facsimile 818-847-0256 or 818-847-0170

LOCKHEED MARTIN

Via Courier RED0500/051 WBS #48

May 25, 2000

Mr. Gerard J. Thibeault
Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3339

Dear Mr. Thibeault:

Subject:

March 2000 Data Report

Water Supply Contingency Plan Production Well Sampling Program Crafton-Redlands Plume Project

In compliance with the approved Water Supply Contingency Plan, enclosed please find one copy of the March 2000 Production Well Sampling Program report prepared by HSI Geotrans for Lockheed Martin Corporation. This report presents analytical results from samples collected at Bunker Hill Basin Production Wells in March of 2000. Laboratory Quality Assurance/Quality Control documentation is included in Attachment B of the report.

Should you have any comments or requests, please contact me at (818) 847-0791.

Sincerely,

Thomas D. Blackman

Technical Project Manager

TDB:eah:mg

Enclosures

cc: See Attached Distribution List

Mr. Gerard Thibeault May 25, 2000 RED0500/051 Page 2

Distribution

cc: (Abbreviated Report Without Attachments "A & B" Which are Available Upon Request)

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A TETRA TECH COMPANY

949-253-2958

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May 31, 2000

Lockheed Martin Corporation West Coast Project Office 2550 N. Hollywood Way, 3rd Floor Burbank, California 91505

Attention:

Mr. Eric Hodder

Project Supervisor

Subject:

March 2000 Data Report

Water Supply Contingency Plan Production Well Sampling Program Crafton-Redlands Plume Project

Dear Mr. Hodder:

This report presents a summary of results of the Water Supply Contingency Plan production well sampling for the month of March 2000. The Water Supply Contingency Plan (WSCP) was prepared by Lockheed Martin Corporation and submitted to the State of California Regional Water Quality Control Board (RWQCB) Santa Ana Region on September 30, 1996. The plan was conditionally approved by the RWQCB in a letter dated March 6, 1997. The WSCP for the Crafton-Redlands Plume was prepared to address maintenance of water supply to purveyors in the event that wells became impacted with trichloroethene (TCE) from the Crafton-Redlands TCE Plume. A summary of key dates and WSCP sampling program evolution is provided on Table 1.

The locations of the WSCP wells and analytical results for the March 2000 sampling event for TCE and perchlorate are shown on Figures 1 and 2, respectively. Table 2 presents a summary of analytical tests performed on each WSCP well and water system sampling point. The sampling frequency of each well is once a month for the first year. An alternate frequency, if required, is based on the analytical results as outlined in the WSCP TCE and perchlorate decision matrices, provided as Figures 3 and 4, respectively. The perchlorate decision matrix was presented in the *Perchlorate Work Plan and Schedule*, which was submitted, to the RWQCB on August 15, 1997. The RWQCB approved the

Perchlorate Work Plan on October 31, 1997. Table 3 presents a summary of the wells sampled twice monthly according to the decision matrices.

RESULTS

A summary of the analytical results for the March 2000 WSCP sampling event for TCE and perchlorate is shown on Figures 1 and 2, respectively, and presented on Table 4. Available groundwater elevation data is provided on Table 5. The water sampling field forms are provided in Attachment A. Chain-of-custody, laboratory data sheets, and Level III Modified laboratory quality assurance/quality control (QA/QC) documentation is provided in Attachment B.

Trichloroethene

Four groundwater samples collected in March met or exceeded $2/5^{th}$ the MCL for TCE (2.0 $\mu g/L$) including: COLL Mountain View #2 (2.7 $\mu g/L$), Gage 26-1 (6.2 $\mu g/L$), Gage 27-1 (5.8 $\mu g/L$), and Gage 29-2 (4.8 $\mu g/L$). Water from COLL Mountain View #2 was not pumped into the system and therefore a confirmation sample was not collected.

The TCE observed at Gage 26-1 and Gage 27-1 is partially attributed to the Norton Air Force Base (AFB) Plume and partially attributed to the Crafton Redlands Plume. Gage 26-1 and Gage 27-1 are equipped for TCE treatment, and therefore are not sampled twice a month. The samples collected from these wells are prior to treatment.

The TCE observed at Gage 29-2 and Gage 29-3 is partially attributed to the Norton AFB Plume and partially attributed to the Crafton Redlands Plume, thus Gage 29-2 and Gage 29-3 are sampled twice a month for TCE when active. In March, Gage 29-2 was off-line part of the month; thus, this well was only sampled once. Gage 29-3 was off-line during March and thus, was not sampled. Water sampled from these wells is untreated.

The COLL Richardson Blend sampling point was not sampled in March because during the month of March, only the Richardson #3 well was pumping into the Richardson system. Thus, sampling of Richardson Blend was considered redundant.

Perchlorate

Groundwater samples collected from three wells in March met or exceeded 75 percent (13.5 μ g/L) of the PAL for perchlorate including: COLL Mountain View #2 (44 μ g/L), COLL Richardson #1 (14 μ g/L), and Gage 29-2 (36 μ g/L). Water from COLL Mountain View #2 and COLL Richardson #1 was not pumped into the system and therefore confirmation samples were not collected.

2

Gage 29-2, Gage 29-3, Gage 51-1, Gage 92-1 and COLL Mountain View #2 wells are currently scheduled for sampling on a twice a month basis for perchlorate, if active. Gage 29-3, Gage 51-1, and Gage 92-1 were off-line in March and thus were not sampled. Gage 29-2 was off-line during part of March; thus, this well was sampled only once.

The perchlorate impacts observed at COLL Mountain View #2 are consistent with historic data when the well has been idle and sampled shortly after the pump has turned on. The perchlorate impacts observed at Richardson #1 are a result of cross-flow between hydrostratigraphic units through Richardson #2. The Richardson #2 well was abandoned (San Bernardino County permitted well destruction) in February 2000. Richardson #1 has not been pumped for water supply since the Richardson #2 well was abandoned.

TWICE-MONTHLY SAMPLING EVALUATION

In accordance with the TCE and perchlorate decision matrices provided as Figures 3 and 4, respectively, an evaluation is made every three months on the wells sampled on a twice-monthly basis. If the average TCE concentration in a well over the three month period is less than $2/5^{th}$ of the MCL (2.0 $\mu g/L$) the well will be sampled once a month for TCE. Similarly, if the average perchlorate concentration in a well over the three month period is less than 75 percent of the PAL (13.5 $\mu g/L$) the well will be sampled once a month for perchlorate.

A summary of the three-month sampling cycle for TCE and perchlorate from January 2000 through March 2000 is provided below.

Trichloroethene

As of March 31, 2000, two wells (Gage 29-2 and Gage 29-3) are sampled for TCE on a twice a month basis, if active. As mentioned in the Results Section, Gage 29-2 and Gage 29-3 are equipped for TCE treatment. For the past three months (January 1 through March 31, 2000), the average TCE concentration for the wells sampled on a twice-monthly basis is presented on Table 6.

One sample was collected from Gage 29-2 during the January 1 through March 31, 2000 sampling cycle because the well was off-line for most of the three month sampling cycle. The TCE concentration for the one sample collected from Gage 29-2 is 4.8 μ g/L (Table 6). This exceeds 2/5th the MCL for TCE (2.0 μ g/L), thus, Gage 29-2 will continue to be sampled on a twice-monthly basis, if active.

No samples were collected from Gage 29-3 during the January 1 through March 31, 2000 three-month sampling cycle because the well was off-line. Gage 29-3 will continue to be sampled on a twice-monthly basis, if active.

Twice-monthly sampling for TCE will continue for Gage 29-2 and Gage 29-3. At the conclusion of the next three month sampling cycle (June 30, 2000), the TCE concentrations in Gage 29-2 and Gage 29-3 will be evaluated to determine the future sampling frequency.

Perchlorate

As of March 31, 2000, five wells (Gage 29-2, Gage 29-3, Gage 51-1, Gage 92-1, and COLL Mountain View #2) are sampled on a twice a month basis, if active. For the past three months (January 1 through March 31, 2000), the average perchlorate concentrations for the wells sampled on a twice-monthly basis are presented on Table 6.

One sample was collected from Gage 29-2 during the January 1 through March 31, 2000 sampling cycle because the well was off-line most of the time. The perchlorate concentration for the one sample collected from Gage 29-2 is 36 μ g/L (Table 6). This exceeds 75 percent of the perchlorate PAL, thus, Gage 29-2 will continue to be sampled on a twice-monthly basis, if active.

No samples were collected from Gage 29-3 and Gage 51-1 during the January 1 through March 31, 2000 three-month sampling cycle because the wells were off-line. Gage 29-3 and Gage 51-1 will continue to be sampled on a twice-monthly basis, if active.

Three samples were collected from Gage 92-1 during the January 1 through March 31, 2000 three-month sampling cycle. The average perchlorate concentration for the collected samples is 18 μ g/L (Table 6) thus, Gage 92-1 will continue to be sampled on a twice-monthly basis, if active.

Five samples were collected from the COLL Mountain View #2 between January 1 and 31, 1999. The average perchlorate concentration for the collected samples is 44 μ g/L (Table 6) thus, COLL Mountain View #2 will continue to be sampled on a twice-monthly basis, if active.

Twice-monthly sampling for perchlorate will continue for Gage 29-2, Gage 29-3, Gage 51-1, Gage 92-1, and COLL Mountain View #2. At the conclusion of the next three month sampling cycle (June 30, 2000), the perchlorate concentrations in Gage 29-2, Gage 29-3, Gage 51-1, Gage 92-1, and COLL Mountain View #2 will be evaluated to determine the future sampling frequency.

CLOSING

HSI GeoTrans greatly appreciates being of continued service to Lockheed Martin Corporation on this project. Should you have any questions or comments, please do not hesitate to call.

Sincerely,

HSI GEOTRANS

Roy J. Marroquin

Project Manager

James C. Norman, R.G., C.HG.

Project Director

TABLES

TABLE 1

KEY PROJECT DATES AND WSCP SAMPLING PROGRAM EVOLUTION

August 2, 1996, the RWQCB - Santa Ana Region requested Lockheed Martin to submit a conceptual Water Supply Contingency Plan.

September 30, 1996, Lockheed Martin submitted the Water Supply Contingency Plan (WSCP) to the RWQCB – Santa Ana Region.

March 6, 1997, the RWQCB conditionally approved the WSCP, which included sampling eight production wells (City of Loma Linda Richardson #1, Richardson #2, Mountain View #1, Mountain View #2, Victoria Farms Mutual Water Company Wells #1 and #3, and Southern California Edison #1 and #2).

June 1997, Victoria Farms Mutual Water Company was connected to City of San Bernardino Water. Pumping ceased at VFMWC #1 and #3, and the two wells were removed from the program.

June 1997, sampling of SCE #1 was discontinued because it is not operated on a regular basis. The WSCP consists of five wells, including COLL Mountain View #1 and #2, COLL Richardson #1 and #2, and SCE #2 (AUX).

August 1997, the WSCP was expanded due to the detection of perchlorate in municipal supply wells in the Bunker Hill Basin. Twenty-six wells were added to the WSCP including nineteen City of Riverside wells, five City of Redlands wells, and two Loma Linda University wells, for a total of 31 wells.

October 1997, three City of Riverside water system sampling points were added to the WSCP, including the Gage system pipeline (Gage Delivery), the Waterman system pipeline (Iowa Booster), and the sampling station measuring outflow from the Linden and Evans Reservoirs (7th & Chicago).

March 1998, two City of Loma Linda water system sampling points were added to the WSCP, including the Mountain View system pipeline (Mountain View Blend at Lawton) and the Richardson system pipeline (Richardson Blend).

June 1998, one City of Riverside irrigation water system sampling point (Gage Arlington) and one additional City of Loma Linda water system sampling point (Mountain View Blend at Timoteo) were added to the WSCP.

December 1998, the COLL Richardson #3 well was added to the WSCP Sampling Program.

May 1999, Sampling of Mountain View Blend at Timoteo was discontinued because it does not represent a blend sample of the Mountain View pipeline system.

December 1999, the COLL Mountain View #3 well and the Gage 98-1 well were added to the WSCP Sampling Program.

TABLE 2
WSCP PRODUCTION WELL SAMPLING PROGRAM

HSI#	Well Name	Perchlorate	TCE
City of Loma	Linda 日本東京大学	*****	建 国国际和1994
692	Mountain View #2	X	X
3106	Mountain View #3	X	X
693	Richardson #1	X	X
707	Richardson #3	X	X
City of Loma	Linda Water System Sampling Poin	ts -	建工工工工工工工工工
2967	Mountain View Blend - Lawton	X	X
2968	Richardson Blend	X	X
Southern Cal	ifornia Edison		The state of the s
554	SCE#2(AUX)	X	X
Loma Linda U	Jniversity The state of the sta		The second second second
	LLUniv Anderson #2	X	
717	LLUniv Anderson #3	X	
	ide (Gage System)		
	Gage#26-1	X	X
258	Gage#27-1	X	Х
259	Gage#27-2	X	Χ
260	Gage#29-1	X	X
219	Gage#29-2	X	X
220	Gage#29-3	X	X
218	Gage#30-1	X	X
214	Gage#31-1	X	X
215	Gage#46-1	X	X
253	Gage#51-1	X	X
216	Gage#56-1	X	X
257	Gage#66-1	X	X
644	Gage#92-1	X	X
641	Gage#92-2	X	X
642	Gage#92-3	X	X
3091	Gage#98-1	X	X
II	ide (Material Cristians)	- 4	
	Hunt#6	X	
	Hunt#10	X	
1	Hunt#11	X	
	ide Water System Sampling Points	<u> </u>	ANTONIO PARTIE DE LA PROPERTIE
2946	Iowa Booster (Waterman)	X	X
2947	Gage Delivery (Gage)	$\frac{x}{x}$	X
2948	7th & Chicago (Reservoir)	$\frac{\lambda}{x}$	X
3018	Gage Arlington	$\frac{\lambda}{X}$	
City of Redlar			na rieta a se son di
542	COR Church St	X	<u> </u>
2673	COR#38	X	
535	COR Mentone Acres	X	
29	COR Orange st	X	
74	CORRees	$\frac{\lambda}{X}$	X
Notes:	100.4.000		

Notes:

TCE = Trichloroethene

Perchlorate analyzed using DHS Method (EPA 300.0 Modified)

TCE analyzed using EPA Method 502.2

TABLE 3

WSCP PRODUCTION WELL SAMPLING PROGRAM MARCH 2000 WELLS SAMPLED TWICE MONTHLY

HSI#	Well Name	Perchlorate	TCE
City of Loma Linda	自己,这些小孩		建模的 接
692	Mountain View #2	×	
City of Riverside (Gage System)			
219	Gage #29-2	X	X
220	Gage #29-3	X	X
253	Gage #51-1	X	
644	Gage #92-1	X	

Notes:

TCE = Trichloroethene

Perchlorate analyzed using DHS Method (EPA 300.0 Modified).

TCE analyzed using EPA Method 502.2.

TABLE 4 WSCP PRODUCTION WELL SAMPLING PROGRAM MARCH 2000 DATA RESULTS

HSI#	Well Name	Sample Date	Perchlorate (μg/L) Del Mar	TCE (µg/L) Del Mar
City of Loma Line	da	and the second s		
692	Mountain View #2	3/1/00	44 ^c	2.7°
692	Mountain View #2*	3/16/00	46 ^c	NA
3106	Mountain View #3	3/1/00	ND(4)	ND(0.5)
693	Richardson #1	3/1/00	14 ^{cd}	0.85 ^{cd}
707	Richardson #3	3/1/00	ND(4)	ND(0.5)
	da Water System Sampling Points		Section of the second of the second	A CONTRACT OF STATE O
2967	Mountain View Blend-Lawton	3/1/00	ND(4)	ND(0.5)
2968	Richardson Blend	NS	NS	NS
Mountain View F	ower (Formerly Southern California	Edison)		
554	ISCE#2(AUX)	3/1/00	ND(4)	ND(0.5)
Loma Linda Univ	versity	· · · · · · · · · · · · · · · · · · ·	n de la compositiona de la compositiona della compositiona de la compositiona de la compositiona de la comp	
267	LLUniv Anderson #2	3/1/00	ND(4)	NA
717	LLUniv Anderson #3	3/1/00	ND(4)	NA
City of Riverside	(Gage System)	a usamen i k	· · · · · · · · · · · · · · · · · · ·	こうない ない 本価を発わり
252	Gage#26-1 ^b	3/1/00	11	6.2
258	Gage#27-1 ^b	3/1/00	6.4	5.8
259	Gage#27-2	NS	NS	NS NS
260	Gage#29-1	NS	NS	NS
219	Gage#29-2 ^b	3/1/00	36	4.8
219	MUN-770	3/1/00	37	4.9
219	Gage 29-2 ^b	NS	NS	NS
220	Gage#29-3 ^b	NS	NS	NS
	Gage#29-3 ^b			
220	Gage#29-3 Gage#30-1	NS NS	NS NS	NS
218 214	Gage#30-1 Gage#31-1	NS NS	NS NS	NS NS
215	Gage#46-1	3/1/00	ND(4)	ND(0.5)
	Gage#51-1 ^b		NS	ND(0.5)
253		NS		
253	Gage#51-1 ^b	NS 0/4/00	NS NS	NA NB(0.5)
216	Gage#56-1	3/1/00	ND(4)	ND(0.5)
257	Gage#66-1	NS	NS	NS
644	Gage#92-1 ^b	NS	NS	NS
644	Gage#92-1 ^b	3/16/00	16	1.0
641	Gage#92-2	NS	NS	NS
642	Gage#92-3	3/1/00	ND(4)	ND(0.5)
3091	Gage#98-1	NS	NS	NS
	(Waterman System)			
273	Hunt#6	NS	NS	NA NA
271	Hunt#10	NS	NS	NA NA
272	Hunt#11	NS	NS	NA NA
	Water System Sampling Points	3/4/00	NID(A)	ND(0.5)
2946	Iowa Booster (Waterman)	3/1/00	ND(4) 4.8	ND(0.5)
2947 2948	Gage Delivery (Gage) 7th & Chicago (Reservoir)	3/1/00 3/1/00	4.6 ND(4)	ND(0.5) ND(0.5)
3018	Gage Arlington	NS	NS NS	ND(0.5)
City of Redlands		INO I		
	COR Church St ^a		- ' '' ', ''.	
542		NS NS	NS NS	NA NA
2673	COR#38 ^a	NS	NS NS	NA NA
535	COR Mentone Acres ^a	NS	NS	NA NA
29	COR Orange St ^a	NS	NS	NA NA
74	COR Rees	3/1/00	6.2	ND(0.5)

Notes:

* = Twice-monthly sampling result

** = Confirmation sampling results
ND(4) = Not detected at the specified limit

MUN = Duplicate sample collected from the well listed directly above

NA = Not Analyzed
NS = Not Sampled
TCE = Trichloroethene

Perchlorate analyzed using DHS Method (EPA 300.0 Modified)

TCE analyzed using EPA Method 502.2

- a = Well sampled on quarterly basis, if active
- b = TCE treatment is installed at this well
- = Water purged to waste and not into system
 - Concentration in well is a result of cross flow between hydrostratigraphic units

TABLE 5

SUMMARY OF WATER LEVEL MEASUREMENTS MARCH 2000 SAMPLING EVENT

		<u>.</u> <u>.</u> .	Depth to	Measuring Point	Groundwater		
HSI#	Well Name	Measure Date	Water	Elevation	Elevation	Comments	
		Weasure Date	valei	Lievadon		Comments	
CITY OF LOMA LINDA 692 Mountain View #2		03/07/00	116	1085	969	Static	
3106	Mountain View #2	03/07/00	90	1086	996	Pumping	
693	Richardson #1	03/07/00	102	1077	975	Static	
707	Richardson #3	03/07/00	155	1085	930	Pumping	
	California Edison			1000			
	SCE#2(AUX)	NM	NM	1100.00	NM	Pumping	
			INIVI	1100.00		Tuniping	
	a University LLUniv Anderson #2	NM I		1075	NM	,	
			NM	1075		Pumping	
717	LLUniv Anderson #3	NM	NM		NM	Pumping	
	erside (Gage System)	00/07/00		C DESCRIPTION OF THE PROPERTY			
252	Gage#26-1	03/07/00	83.50	1045.33	961.83	Pumping	
258	Gage#27-1	03/07/00	81.00	1044.64	963.64	Pumping	
259	Gage#27-2	03/07/00	67.30	1044.64	977.34	Static	
260	Gage#29-1	03/07/00	67.20	1044.43	977.23	Static	
219	Gage#29-2	03/07/00	81.20	1046.31	965.11	Pumping	
220	Gage#29-3	03/07/00	65.30	1048.75	983.45	Static	
218	Gage#30-1	03/07/00	69.10	1054.17	985.07	Static	
214	Gage#31-1	03/07/00	66.00	1054.64	988.64	Static	
215	Gage#46-1	03/07/00	71.60	1065.50	993.90	Static	
253	Gage#51-1	03/07/00	64.20	1044.64	980.44	Static	
216	Gage#56-1	03/07/00	89.10	1065.50	976.40	Static	
257	Gage#66-1	03/07/00	65.40	1044.85	979.45	Static	
644	Gage#92-1	03/07/00	69.90	1047.78	977.88	Static	
641	Gage#92-2	03/07/00	79.40	1053.38	973.98	Static	
642	Gage#92-3	03/07/00	134.00	1058.78	924.78	Pumping	
3091	Gage#98-1	03/07/00	67.20	1058.78	991.58	Static	
City of Riverside (Waterman System)							
273	Hunt#6	NM	NM	1015.5	NM	Pumping	
271	Hunt#10	NM	NM	1017	NM	Pumping	
272	Hunt#11	NM	NM	1015.7	NM	Pumping	
City of Redlands							
542	COR Church St	Mar-00	116.0	1344.8	1228.8	Static	
2673	COR#38	Mar-00	65.0	NA	NA	Static	
535	COR Mentone Acres	Mar-00	241.0	1506.4	1265.4	Static	
29	COR Orange St	Mar-00	110.0	1282	1172.0	Static	
74	COR Rees	Mar-00	240.0	1490	1250.0	Pumping	

Notes:

All measurements reported in feet below measuring point (ft-bmp)

Water level measurements for all City of Loma Linda, City of Riverside, and City of Redlands wells were obtained by purveyor personnel. Elevations given in feet above mean sea level (ft-msl)

NM≈Not measured

NA=Data not available

Static water levels were allowed to recover a minimum of 30 minutes to obtain a static water level measurement

TABLE 6

TWICE MONTHLY EVALUATION THREE MONTH DATA AND AVERAGE CONCENTRATIONS

PERCHLORATE

Well Name	Sample Date	Sample Result	75% of PAL	PAL		
Gage29-2	3/1/00	36	13.5	18		
Average 1/1/00 - 3/31/00*						
Gage92-1	1/3/00	24	13.5	18		
Gage92-1	1/12/00	14	13.5	18		
Gage92-1	3/16/00	16	13.5	18		
Average 1/1/00 - 3/31/00*						
COLL Mountain View #2	1/4/00	40	13.5	18		
COLL Mountain View #2	2/1/00	44	13.5	18		
COLL Mountain View #2	2/15/00	46	13.5	18		
COLL Mountain View #2	3/1/00	44	13.5	18		
COLL Mountain View #2	3/16/00	46	13.5	18		
Average 1/1/00 - 3/31/00*	i i marangan	44				

TRICHLOROETHENE

Well Name	Sample Date	Sample Result	2/5 of MCL	MCL .
Gage 29-2	3/1/00	4.8	2	5
Average 1/1/00 - 3/31/00*		4.8	727 227 32	

Notes:

* Well sometimes off-line between 10/1/99 - 12/31/99

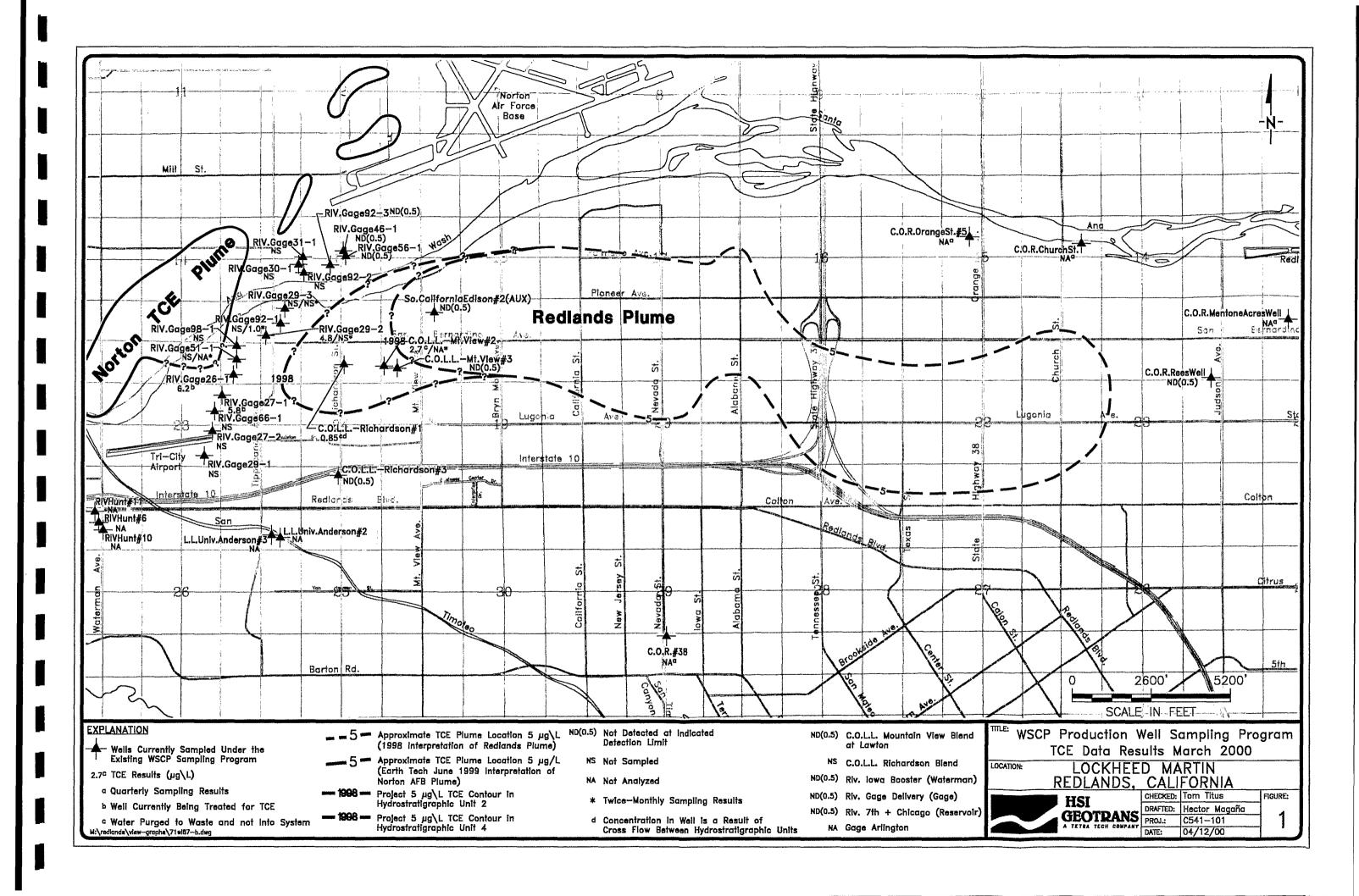
Gage 29-3 was offline during all sampling events between 10/1/99 - 12/31/99

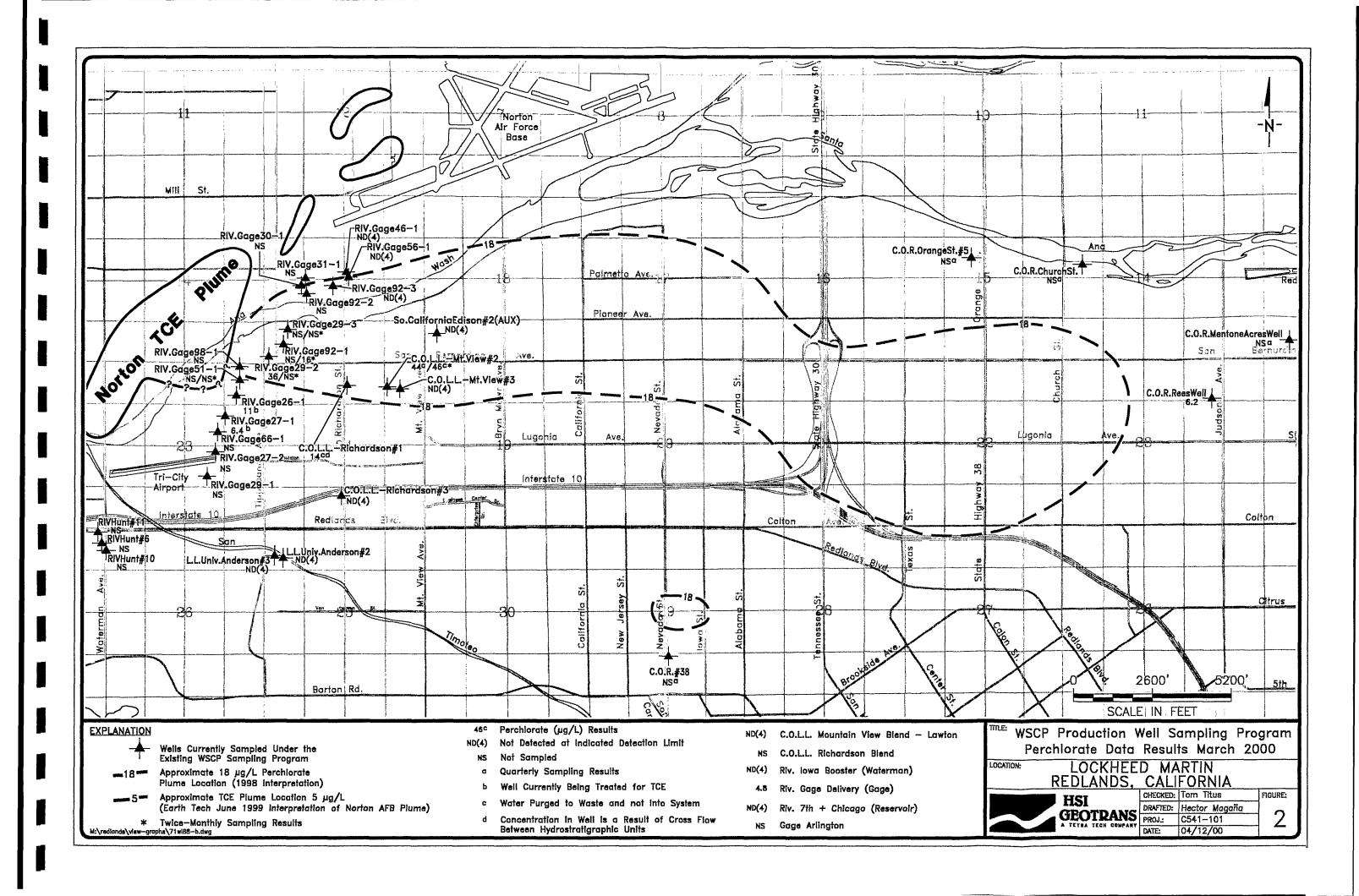
All concentrations are micrograms per liter.

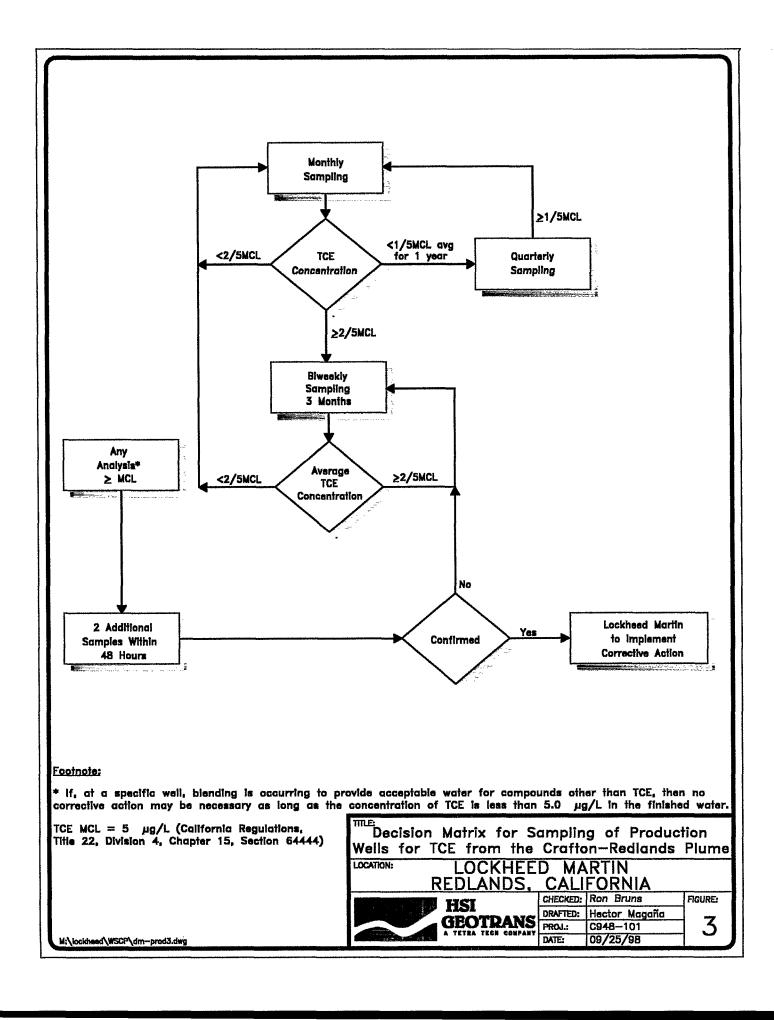
MCL = Maximum Contaminant Level

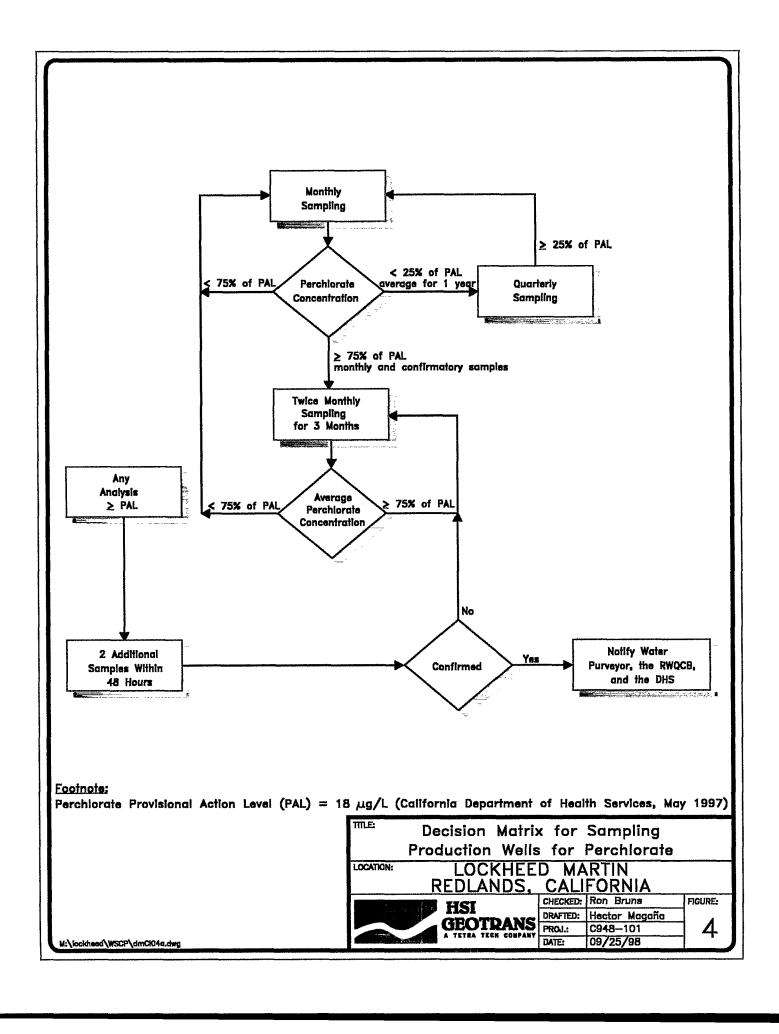
PAL = Provisional Action Level for perchlorate

FIGURES









ATTACHMENT A
GEOLIS FIELD FORMS

ATTACHMENT A

GEOLIS FIELD FORMS (Available Upon Request)

ATTACHMENT B

CHAIN-OF-CUSTODY RECORDS AND
LABORATORY DATA SHEETS
QUALITY ASSURANCE/QUALITY CONTROL DOCUMENTATION

ATTACHMENT B

CHAIN-OF-CUSTODY RECORDS AND
LABORATORY DATA SHEETS AND LEVEL III MODIFIED
QUALITY ASSURANCE/QUALITY CONTROL DOCUMENTATION
(Available Upon Request)